

Dkt. 0575/59167-A-PCT-US/JPW/BJA

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : David J. Pinsky
U.S. Serial No. : 10/049,320 Examiner: S.-L. Chen
Filed : August 13, 1999 Group Art Unit: 1632
For : CD39/ECTO-ADPase FOR TREATMENT OF
THROMBOTIC AND ISCHEMIC DISORDERS

1185 Avenue of the Americas
New York, New York 10036
July 19, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with his duty of disclosure under 37 C.F.R. §1.56, applicant directs the Examiner's attention to the following references which are listed on the attached Form PTO-1449 (**Exhibit A**). References 1-44 were previously cited in connection with the prosecution of U.S. Serial Number 09/374,586 from which the subject application claims benefit under 35 U.S.C. §120. According to 37 C.F.R. §1.98(d), copies of patents or publications that were previously cited by, or submitted to, the Office in connection with such prior applications need not accompany the Information Disclosure Statement. Accordingly, copies of references 1-44 are not attached to this Information Disclosure Statement. A copy of reference no. 45 is attached hereto as **Exhibit B**.

- 1) Steering Committee, Lancet, (1986) "A Randomised, Blinded Trial of Clopidogrol versus Aspirin in

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- 5) Rudinger, J. (1976) "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence, *Peptide Hormones* 1-7;
- 6) Kaye, F.J., et al., (1990) "A Single Amino Acid Substitution Results In a Retinoblastoma Protein Defective in Phosphorylation and Oncoprotein Binding" *P.N.A.S.* 87:6922-6926;
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- 18) Choudhri, T. F., et al., (1997) "Use of a spectrophotometric hemoglobin assay to objectively quantify intracerebral hemorrhage in mice" *Stroke* 28:2296-2302;
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- 22) Dippel, D., (1998) "The results of CAPRIE, IST, and CAST" *Thrombosis Res.* 92:S13-S16;
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- 24) Erickson, L. A., et al., (1990)" Development of venous occlusions in mice transgenic for the plasminogen activator inhibitor-I gene" *Nature* 346:74-76;
- 25) Gayle, R. B., et al., (1998) "Inhibition of platelet function by recombinant soluble ecto-ADPase/CD39" *J. Clin. Invest.* 101:851-1859;
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- 27) Handa, M., & Guidotti, G., (1996)"Purification and Cloning of a Soluble ATP-Diphosphohydrolase (Apyrase) from Potato Tubers (*Solanum tubersum*)" *Biochem. Biophys. Res. Commun.* 218:916-923;
- 28) Harbison, J. W., (1998)" Clinical considerations in selecting Pharm antiplatelet therapy in cerebrovascular disease", *Am. J. Health Syst.* 55:S17-S20;

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- 30) Huang, Z., et al., (1994) "Effects of Cerebral Ischemia in Mice Deficient Neuronal Nitric Oxide Synthase" *Science* 265:1883-1885;
- 31) Koch, R., Verhandlungen des X. Internationalen Medizinischen Congresses Berlin 1:35-47 (1891). (Abstract);
- 32) Lawson C. A., et al., (1997) "Monocytes and tissue factor promote 99: thrombosis in a murine model of oxygen deprivation", *J. Clin. Invest.*, 1729-1738;
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- 34) Majid A., et al., (1999) "Intrinsic, hemodynamic-independent differences in vulnerability to permanent focal cerebral ischemia in common mutant mouse strains", 24th American Heart Association International Conference on Stroke and Cerebral CXJO-XXPY;
- 35) Maliszewski, C. R., et al., (1994) "The CD39 lymphoid cell activation antigen: Molecular cloning and structural characterization" *J. Immunol.* 153:3574-3583;

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evidence on thrombolytic therapy for acute ischemic
stroke" *Lancet.* 350:607-614; and

45) U.S. Patent Application Publication No. 2002/0138858,
published September 26, 2002. (Exhibit B)

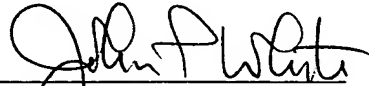
This Information Disclosure Statement is being submitted under
37 C.F.R. §1.97(b). Applicant requests that the Examiner
review the publications and make them of record in the subject
application.

If a telephone interview would be of assistance in advancing
prosecution of the subject application, applicant's
undersigned attorney invites the Examiner to telephone him at
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No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. If any such fee is required, authorization is hereby given to charge the amount of any such fee to Deposit Account No. 03-3125.

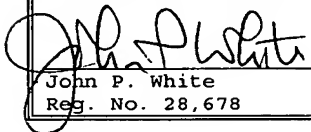
Respectfully submitted,



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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number							Date	Country	Class	Subclass	Translation	
													Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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U.S. Patent Application Publication No. 2002/0138858, published September 26, 2002

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